

Environmental Design Program

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Maryland Department of Natural Resources
C. Ronald Franks, Secretary
www.dnr.state.md.us

Environmental Design Initiative

Increased population and development within Maryland's coastal zone have created ever-greater challenges in maintaining healthy and resilient ecosystems. Given the trends and projections regarding urban and suburban growth, and the subsequent increase of imperviousness, managing urban runoff is an important activity to reduce non-point source pollutant loads, maintain the cap on nutrients, and fulfill regional commitments in protecting and restoring the Coastal and Chesapeake Bays.

The goal of the Environmental Design Initiative is to demonstrate how streams and watersheds impacted by development can be protected and restored through the use of innovative site design techniques. The Initiative encourages State and local governments to lead by example, promotes projects based on innovative and proven practices, and expects to show how ecosystems already hard hit by development can be restored.

What Kinds of Projects Will the Initiative Fund?

The Initiative will fund projects that replace impervious surfaces with more natural approaches. Specifically, innovative site design techniques include bioretention facilities, living roofs, rooftop disconnection, and permeable pavers.

How Much is the Funding?

The total grant is \$700,000 over two years to fund the design, engineering, and/or construction of environmental design projects. Applications can be submitted for \$25,000-\$100,000.

Where Can the Projects be Constructed?

Projects must be on already developed State or local government lands within the Coastal Zone, which are all jurisdictions east of Montgomery, Howard, and Carroll Counties, exclusive.

Who Can Apply?

Grant applications must be submitted by State or local governments. Non-Profit organizations are encouraged to partner with local jurisdictions to apply.

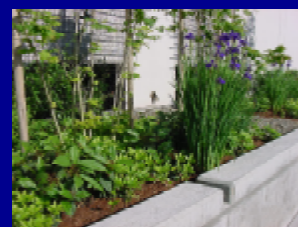
Can There Be More Than One Project per Site?

YES! The Initiative strongly encourages applicants to critically review a facility and identify multiple on-site projects to protect and restore local watershed conditions. Each project must be submitted separately. For example, a local government center can submit separate applications for a living roof, a bioretention facility, and a permeable paver project. While each project must be within \$25,000-\$100,000, the total can exceed \$100,000.

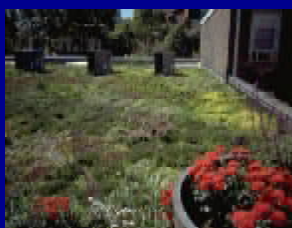
Environmental Design In Practice



Bioretention Facility



Rooftop Disconnect



Living Roof



Permeable Pavers

Photos courtesy of MDE

Do Projects Count for NPDES Permitting?

Projects funded for this grant cannot count for NPDES or any other regulatory requirements.

What are the Match Requirements?

All projects must include a 100% match from the applicant. Match funding cannot include federal funds. Match funding can include non-federal funding sources, in-kind services (such as staff salary), and volunteer time.

What Assistance Will DNR Provide?

Staff from DNR will support grant candidates with a site assessment to review eligible projects, provide technical information, and identify future resotation opportunities. To schedule a site assessment, simply contact Sean McGuire at the Environmental Design Program at 410-260-8727 or smcguire@dnr.state.md.us.

To learn more about the Environmental Design Program, check www.dnr.state.md.us/ed or call 410.260.8710.



Advancing the application of economically sound and environmentally sensitive building and site-design techniques. The Environmental Design Program is a Watershed Services project of the Maryland Department of Natural Resources and is funded in part through the Maryland Coastal Zone Management Program, Maryland Department of Natural Resources, pursuant to National Oceanic and Atmospheric Award No.NA17OZ1124. For more information: Tel: (410) 260.8710 www.dnr.state.md.us/ed

